OPINION 1582

Ictiobus Rafinesque, 1820 (Osteichthyes, Cypriniformes): conserved

Ruling

(1) Under the plenary powers:

(a) the name *Amblodon* Rafinesque, 1819 is hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy;

(b) it is hereby ruled that the correct original spelling of the generic name *Ictiorus* Rafinesque, 1820 is deemed to be *Ictiobus*.

(2) The name *Ictiobus* Rafinesque, 1820 (gender: masculine), type species *Catostomus bubalus* Rafinesque, 1818 by subsequent designation by Agassiz (1854), is hereby placed on the Official List of Generic Names in Zoology.

(3) The name *bubalus* Rafinesque, 1818, as published in the binomen *Catostomus bubalus* (specific name of the type species of *Ictiobus* Rafinesque, 1820), is hereby placed on the Official List of Specific Names in Zoology.

(4) The following names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology:

(a) *Amblodon* Rafinesque, 1819, as suppressed in (1)(a) above;

(b) *Ictiorus* Rafinesque, 1820 (ruled in (1)(b) above to be an incorrect original spelling of *Ictiobus* Rafinesque, 1820).

History of Case 2598

An application for the conservation of *Ictiobus* Rafinesque, 1820 was received from Drs R.M. Bailey (*University of Michigan, Michigan, U.S.A.*) & W.N. Eschmeyer (*California Academy of Science, San Francisco, California, U.S.A.*) on 2 March 1987 and published in BZN **45**: 36–37 (March 1988). Notice of the case was sent to appropriate journals. No comments were received. The following information, which did not affect the essence of the application, was noted on the voting paper.

As stated in para. 1, Rafinesque (1819, p. 421) proposed *Amblodon* for two species, one of which was the 'brown buffalo-fish', his *Catostomus bubalus* of 1818. The next year (cf. para. 2) he transferred the name *Amblodon* to the unrelated 'grunting perch', previously (and validly) called *Aplodinotus grunniens* Rafinesque, 1819 (p. 418). On p. 24 of the *Ichthyologia Ohiensis* (and previously in January 1820 in *The Western Review*) Rafinesque explained this transfer: 'The name [*Amblodon*] means obtuse teeth ... Only one species is known yet ... The structure of these teeth [of *Aplodinotus grunniens*] is very singular and peculiar ... [They] are common in many museums, where they are erroneously called teeth of the Buffalo-fish ... I was deceived so far by this mistake ... this error I now correct with pleasure'. Thus *Amblodon* had been mistakenly applied to *bubalus*, and it was not used again for this species.

The name *Ictiorus* has been printed only once, in June 1820 in *The Western Review* (see para. 3). As stated in para. 4, the name appeared twice as *Ictiobus* in the volume *Ichthyologia Ohiensis* later that year, and this spelling has been used ever since. *Ictiorus* was probably a misprint: Jordan & Evermann (1896, p. 163) point out that *Ictiobus bubalus* derives from the Greek for 'Buffalo bull-fish'.

Ictiorus is on p. 299 of Rafinesque, C.S. 1820 (June). Natural History of the Fishes of the Ohio River and its Tributary Streams. Fishes of the River Ohio. *Western Review and Miscellaneous Magazine*, Lexington, **2** (5): 299–307.

Ictiobus, with exactly the same text, is on pp. 55 and 89 of *Ichthyologia Ohiensis*, 1820 (November or December). 90 pp. Hunt, Lexington.

Proposal (4) on BZN **45**: 37 was amended to read 'to place on the Official Index of Rejected and Invalid Generic Names in Zoology the following names:

(a) *Amblodon* Rafinesque, 1819, as suppressed in (1)(a) above;

(b) *Ictiorus* Rafinesque, 1820, ruled in (1)(b) above to be an incorrect original spelling of *Ictiobus* Rafinesque, 1820'.

Decision of the Commission

On 1 September 1989 the members of the Commission were invited to vote on the proposals published in BZN **45**: 37, with proposal (4) amended. At the close of the voting period on 1 December 1989 the votes were as follows:

Affirmative votes — 26: Bock, Cocks, Cogger, Corliss, Dupuis, Hahn, Halvorsen, Heppell, Holthuis, Kabata, Kraus, Lehtinen, Macpherson, Mahnert, Martins de Souza, Minelli, Mroczkowski, Nielsen, Nye, Ride, Savage, Schuster, Starobogatov, Trjapitzin, Uéno, Willink

Negative votes — 1: Thompson.

No vote was returned by Bayer.

Thompson said that the application provided insufficient evidence to decide whether use of the plenary powers was justified.

Original references

The following are the original references to the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

Amblodon Rafinesque, 1819, *Journal de Physique, de Chimie et d'Histoire Naturelle et des Arts*, Paris, **88**: 421.

bubalus, Catostomus, Rafinesque, 1818, *American Monthly Magazine and Critical Review*, 3(3): 355.

Ictiobus Rafinesque, 1820, *Ichthyologia Ohiensis, or natural history of the fishes inhabiting the river Ohio and its tributary streams* in *The Western Review and Miscellaneous Magazine*, vol. 2(5), p. 299 [301], June 1820 (here incorrectly spelled *Ictiorus*); spelled *Ictiobus* in November or December 1820 in *Ichthyologia Ohiensis, or natural history of the fishes inhabiting the river Ohio and its tributary streams*, pp. 55, 89.

Ictiorus Rafinesque, 1820, *Ichthyologia Ohiensis, or natural history of the fishes inhabiting the river Ohio and its tributary streams* in *The Western Review and Miscellaneous Magazine*, vol. 2(5), p. 299 [301], June 1820 (here an incorrect original spelling of *Ictiobus*); spelled *Ictiobus* in November or December 1820 in *Ichthyologia Ohiensis, or natural history of the fishes inhabiting the river Ohio and its tributhary streams*, pp. 55, 89.